The Massachusetts School

INCORPORATED

Annual Annuncement and Catalogue

168 MASSACHUSETTS AVENUE BOSTON, MASS.

The

Massachusetts School of Optometry

INCORPORATED

OFFICERS OF THE CORPORATION

THEODORE F. KLEIN, President. CHARLES J. COLLINS, Vice-President. EDWARD CHAMPOU, Secretary. HERMAN L. KLEIN, Treasurer.

THE FACULTY

AUGUST A. KLEIN, M.D., 185 Summer St., Dean, Professor of Pathology and Physiologic Optics.

THEODORE F. KLEIN, 168 Massachusetts Ave., Registrar, Professor of Theoretic and Practical Optometry.

DAVID Y. COHILL, M.B., M.D., Salem, Mass., Professor of Anatomy and Physiology.

W. A. SVENDSEN. 168 Massachusetts Ave., Instructor of Anatomy and Physiology.

HERMAN L. KLEIN, 101 Trement St., Instructor of Practical Optics.

CHARLES J. COLLINS. 101 Tremont St., Lecturer on Optics.

GLENN A. WEEKS, Brockton, Mass., Instructor of Practical Optics.

AUGUSTUS B. TRIPP, Somerville, Mass., Professor of Mathematics and Theoretic Optics.

FRANK S. JONES, 13 Winter St., Lecturer on Optometry.

STAFF OF THE MASSACHUSETTS SURGICAL AND OPTOMETRICAL EYE INFIRMARY.

AUGUST A. KLEIN, M.D. Surgeon.

DAVID Y. COHILL, M.B., M.D.
Associate Surgeon.
ANNA E. MACMASTER
Optometrist.
W. A. SVENDSEN
Clinical Assistant.





AIMS OF THE SCHOOL

The Massachusetts School of Optometry alms to give its students a broad and sound training in the science of Optometry, a thorough training in the practice of Optometry, to uplift the science of Optometry to the highest standard and to make useful, practical and successful Optometrists.

METHODS OF INSTRUCTION

The methods of instruction are those which have proved themselves the most successful in past experiences. Practical work in addition to lectures is the most valuable method of instruction. The student is trained in the practical examination of patients, especially with the skiascope and opthalmoscope. The use of these two instruments is of such importance in the practice of Optometry that they are in use at the school throughout the entire course.

REQUIREMENTS FOR ADMISSION

The entrance requirements for the regular two-year day course are that matriculates must show evidence of possessing a preliminary education the equivalent to at least four years' high school study and must be of good moral character.

For matriculates of special two-year day courses a preliminary education the equivalent to two years' high school study. For shorter special courses no specified preliminary education.

Complete information regarding the requirements in the various States will be furnished on application.

CURRICULUM First Year

Theoretic Optometry

First Half Practical Ontometry Algebra Second Half Geometry Theoretic Optometry Trigonometry Practical Optometry Physics Theoretic Optics Anatomy Practical Optics Physiology Clinics Practical Optics Anatomy

Second Year

First Half

Theoretic Optometry Practical Optometry Practical Optles Pathology Clinics Physiologic Optics Theoretic Optics

Second Half

Theoretic Optometry Practical Optometry Practical Optics Pathology Clinics Physiologic Optics Theoretic Optics Hygiene

Special lectures on stock keeping, stock ordering, optical advertising, and selected subjects will be announced during the course.

POST-GRADUATE COURSES

Graduates in Medicine or Optometry (two year course). who are approved by the faculty, will be admitted to the school and allowed to attend such lectures as they choose, and will be entitled to receive a certificate of such attendance. In order to graduate, they must pass a satisfactory examination in the entire work of the second year, and present satisfactory evidence of competency in the full curriculum of the school.

SPECIAL COURSES

Persons approved by the faculty may be admitted to special courses, which, however, shall not count as any part of the regular two year course, unless the student has complied with the requirements of the school.

CLINICAL OPPORTUNITIES

Special attention is called to the opportunity for elinical study afforded by the school. The great variety of diseases shown to the classes afford the student excellent practical knowledge of the appearance of diseased conditions of the eyeball and its appendages.

During the school year students observe operations for cataract, trachoma, etc., and make opthalmoscopic examinations of diseased conditions of the eyeground.

GENERAL INFORMATION

Students can live as economically in Boston as in any city of its size; and personal expenses will be determined in a great measure by the tastes and inclinations of the individual.

Physics





The cost of hoard and room need not exceed from seven to nine dollars per week. By the formation of clubs, the expense has been reduced to less than six dollars per week.

Season tickets on some of the railroads can be obtained by students at reduced rates. Inquiry regarding students' tickets should be made at the railroad offices, and not at the office of the School.

Any information on special subjects connected with the School may be obtained on application to the Registrar.

THEODORE F. KLEIN,

Massachusetts School of Optometry, 168 Massachusetts Avenue.

NIGHT COURSES

Numerous courses are given during the evening sessions. The student may take advantage of inability to attend the day course or to receive additional instructions in any department.

(See special announcement for night courses.)

FINAL EXAMINATIONS

At the end of each year an examination is held on the work of that year. The student is required to complete the studies of one year before entering on the next.

Examinations for the removal of conditions will be given on Monday and Tuesday, September 8th and 9th.

GRADUATION

After the final examination in each chair, the student, provided he has passed successfully and otherwise complied with the requirements of the school, is eligible for graduation. Sixty-five per cent will be required from each chair in order to pass; but an average of seventy-five per cent from all chairs will be required in order to enable the student to graduate.

Before graduation all students are required to furnish satisfactory written reports of at least twenty cases examined personally by them.

DEPARTMENTS OF INSTRUCTION

First Year

Anatomy,

Monday, Wednesday, throughout the year.

Lectures, dissections and demonstrations, supplement ed by recitations. The course includes a general outline of the human body, special anatomy of the skull, including histology of the structures of the eyeball, special anatomy of the brain, and a short course in embryology.

The student is required to dissect animals' eyes, for which purpose a small dissecting case is required.

Physiology.

Tuesday, Thursday, throughout the year,

General physiology of the human body. Special physiology of the human eye. Lectures illustrated by charts and plates, recitations.

Mathematics,

Wednesday and Friday, first half year. A general course in algebra, geometry and trigonometry to enable the student to clearly understand certain problems in theoretic optics.

Physics.

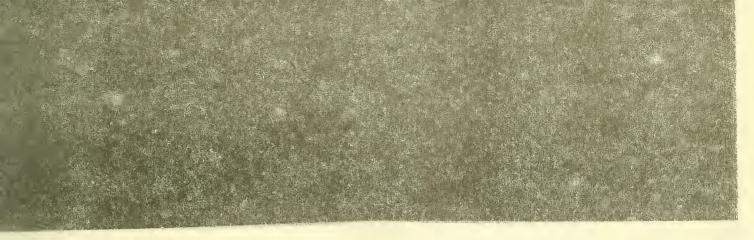
Thursday, first half-year. General elementary physics. Wednesday and Friday, second half-year.

Theoretic Optometry.

Monday, Wednesday, throughout the year. Explanation of the principles and methods of using the opthalmoscope, opthalmometer, skiascope, perimeter, phorometer, prisms, trial case, and many other instruments and devices used for the detection and measurement of refraction and muscular anomalies.

This course is given in connection with practical optometry.





Practical Optometry.

Monday, Wednesday, Thursday, throughout the year.

Training in the use of the various instruments and devices used for the detection and measurement of refraction and muscular anomalies. The conduct of cases.

In order that the student receives the full benefit of this course, it is given from the time the student enters till he has completed the course.

Special attention is given to the use of the opthalmoscope and the skiascope.

Practical Optics.

Tuesday, Friday, throughout the year.

Practical training in frame adjusting, all kinds of optical bench work, edging, mounting, etc. Special attention is given to adjusting and bending, through the entire course.

The student is required to furnish a set of tools to be used for this work.

Clinics.

Tuesday and Friday, second half-year.

Clinical lectures on various cases as they are presented to the class. Students examine patients for errors of refraction, muscular anomalies, diseases of the eyeball and its appendages.

Minor operations are performed before small classes.

Theoretic Optics.

Thursday, second half-year.

The laws of reflection and refraction as applied to lenses and mirrors. Lectures, demonstrations and laboratory work supplemented by recitations and examinations at intervals.

Second Year

Theoretic Optometry.

Monday and Thursday throughout the year.

Continuation of the first year Optometry with advanced study of cases examined at the clinics of the school. All cases examined at the school are discussed in class and the important features in each case emphasized.

Practical Optometry.

Monday, Tuesday, Wednesday, Thursday, throughout the year

Continuation of first year work. During this year the student is required to report at least fifty skiascope examinations made by himself at the school. This in addition to records of examinations made by other instruments.

Practical Optics.

Monday, Wednesday, Friday, throughout the year.

Continuation of first year work. In addition to which the student is required to surface opthalmic lenses.

Pathology.

Tuesday and Thursday throughout the year.

The importance of early recognition of certain diseased conditions of the eye makes this course a very important one to the Optometrist. The work is so conducted that the student is able to diagnose, with some degree of certainty, conditions that require observation beyond the scope of the Optometrist. No attempt is made to instruct the student in the treatment of diseased conditions.

The clinics of the school afford material for the study of diseased conditions. In addition to this, the lectures are illustrated by numerous pictures thrown upon the screen and by stereoscopic pictures.

Students are required to make colored pictures of diseased conditions.

Physiologic Optics.

Wednesday and Friday throughout the year.

The dioptrics of the eye. Lectures illustrated by charts and plates, supplemented by recitations. This course is somewhat complicated since it includes the optics of the various refraction errors, and the student is required to possess some knowledge of theoretic optics.





Clinics.

Tuesday and Friday throughout the year. Continuation of first year work.

Theoretic Optics.

Saturday, throughout the year.

Continuation of first year work. In addition to which laboratory work is given. Effectivity and equivalence of thin lenses. Thick lenses and compound systems.

Hygiene.

Friday, second half-year.

The care of the eyes from birth. School hygiene.

Optical Advertising.

A short series of lectures on this subject will be given during the latter part of the second year. The time to be announced during the second year.

Opthalmological Instruments.

application to the registrar.

Lectures and practical demonstrations on the use of new instruments and appliances that may be presented by the instrument manufacturers for trial at the school.

These lectures and demonstrations will be given during the second year. The time and date to be announced during the second half-year.

TUITION FEES

STUDENTS FOR THE YEAR 1918-1919

The school has never conducted correspondence courses but has had students from a majority of states and no less than eight foreign countries, including China and New Zealand.

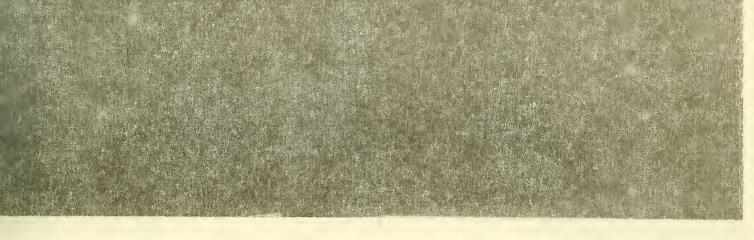
A complete list will be furnished upon application to the registrar.

SENIORS

Brady, William A New York, N. Y
Cook, Thaddeus
Dauplaise, Frederick AFranklin, N. II.
Farnsworth, Howard N
Fairbanks, Frank A
Good, Richard LNorwich, Conn.
Jenkins, HelenaRockland, Mass.
Johnson, Charles FBrookline, Mass.
Kronholtz, Louis A Stamford, Conn.
Mansfield, William FManchester, N. H.
McGovern, Edward
Meltz, AlfredPanama
Noyes, Louella, M. D
Pasakarnis, Joseph L
Pendleton, Henry ERoxbury, Mass.
Verrill, Frank YLynn, Mass.

JUNIORS				
Appleby, Austin FLynn, Mass.				
Boucher, GeorgeBiddeford, Me.				
Caird, Douglas S				
Cook, Edward JSpringfield, Mass.				
Eaves, Ralph				
Estey, Howell ECambridge, Mass.				
Field, Eunice ABrunswick, Me.				
Gordon, DonaldLynn, Mass.				
Gorse, JosephLynn, Mass.				
Hagerty, William B				
Halkin, Israel				
Hollander, Oscar Brockton, Mass.				
Hyman, Frederick L Roxbury, Mass.				
Kay, Harold CLawrence, Mass.				
Kenyon, Edward				
Moores, William E				
Olmstead, Albert FLawrence, Mass.				
Perreault, RoseNashna, N. H.				
Proctor, George FBoston, Mass.				
Shea, James H				
Simard, Joseph LSalem, Mass.				





Solomon, Murray MNew York,	N. Y.
Sutherland, G. B	Mass.
Taylor, Frances J	Conn.
Taylor, Sarah FRoxbury,	Mass.
Whitney, George ARevere,	Mass.

SPECIAL STUDENTS

Ascha, C. Robert Pittsfield.	Mass.
Burch, Harry MNorthampton,	Mass.
Caouette, Winfield S Saranac Springs,	N. Y.
Cohen. Morris LBoston,	Mass.
Duley, C. CSt. Johns,	N. F.
Farnum, Frederick	Mass.
Foster, Clarence	Mass.
Getter, J. RobertBoston,	Mass.
Gordon, Davld TRoxbury,	Mass.
Heath, William BSo. Braintree,	Mass.
Hinckley, Harold FEverett,	Mass.
Killeen, William	Mass.
Leventhal, Morris	D. C.
Lincoln, Ward CAilston.	Mass.
McFadden, FayGranville,	N. Y.
Reade, Oscar,	N. B.
Rice, Herman HBrookline,	Mass.
Robinson, H. U Amnotto Bay, Jamaica, B	. W. L
Scanfan, J. RussellRoslindale,	Mass.
Smith, Frank EQuincy,	Mass.
Sweetland, M. Doris Swampscott.	Mass.
Thomson, Harry BSt. Johns.	N. F.
Trapp, A. RichardMalden,	Mass.
Webb, H. JAyer,	Mass.

CALENDAR FOR THE YEAR 1919-1920

- Sept. 11-Thursday. Registration begins.
- Sept. 15-Monday. First half year begins.
- Oct. 13-Monday. Columbus Day. Holiday.
- Nov. 24-Monday. Mld-term tests begin.
- Nov. 26—Wednesday, to Nov. 29, Saturday, inclusive, Thanksgiving holldays.
- Dec. 22—Monday, to Jan. 3, Saturday, Inclusive. Christmas holidays.
- Jan. 29-Thursday. Mid year examinations begin.
- Feb. 2-Monday. Second half year begins.
- Feb. 23-Monday. Washington's Birthday. Holiday.
- Mar. 30—Tuesday. Mid-term tests begin.
- Apr. 1—Thursday, to April 10, Saturday, inclusive, Easter Holidays.
- Apr. 19-Monday. Patriot's Day. Holiday.
- May 26-Wednesday. Final examinations begin.
- May 31-Monday. Decoration Day. Hollday.
- June 1-Monday, Commencement Day,
- June 2-Wednesday, to June 12, Saturday, inclusive. Special quizz classes.
- June 21-Monday. Summer course begins.
- July 5-Monday, Independence Day, Hollday,
- Aug. 2—Monday to Aug. 31, Tuesday, inclusive. School closed.



Massachusetts School of Optometry

NIGHT COURSES

The night courses are open to students approved by the faculty.

liours of instruction

Sessions held Monday, Wednesday and Friday from 7 P. M. to 10 P. M. The above hours are subject to change during the course. Extra sessions will be held about every other Thursday evening.

Tuition Fees and Other Expenses.

The fee for one and two year night courses is \$80 yearly. Students are required to pay a minimum of \$10 on the tuition fee at the beginning of the year. The balance may be paid in installments according to arrangements made with the registrar.

A laboratory fee of 35 is to be paid at the beginning of the year. This fee is to cover the ordinary expense on laboratory.

No registration fee is required.

Fees for special courses furnished on application.

CALENDAR FOR THE YEAR 1919-1920

- Sept. 10-Wednesday. Registration begins.
- Sept. 15-Monday. First half year begins.
- Oct. 13- Monday. Columbus Day. Holiday.
- Nov. 24.—Monday and November 26, Wednesday, mid term
- Nov. 28-Friday. Thanksgiving recess.
- Dec. 22—Monday, to December 26. Friday, inclusive. Christmas vacation.
- Jan. 2--Friday. New Year's Day recess.
- Jan. 28.—Wednesday and January 30, Friday. Mid year tests.
- Feb. 2-Monday. Second half year begins.
- Feb. 23-Monday Washington's Birthday. Hollday.
- Mar. 29.—Monday and March 31, Wednesday. Mid term tests.
- Apr. 2--Friday, to April 9, Friday, Inclusive. Easter vacation.
- Apr. 19- Monday. Patriot's Day. Holiday.
- May 26—Wednesday, to May 28, Friday, inclusive. Final examinations.
- May 31.-Monday. Decoration Day. Holiday.

